

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

Application Number	10/748,119
Filing Date	December 30, 2003
First Named Inventor	John Timothy Allen, et al
Group Art Unit	3672
Examiner Name	Kenneth L. Thompson
Attorney Docket Number	WEAT/0142.D2
CUSTOMER NO.	36735

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary)

1

of 6

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
K	A1	1386908	08/09/1921	Taylor	
	A2	1842638	01/26/1932	Wigle	
	A3	2214194	09/10/1940	Frankley	
	A4	2214429	09/10/1940	Miller	
	A5	2522444	09/12/1950	Grable	
	A6	2610690	09/16/1952	Beatty	
	A7	2950639	08/30/1960	Mason	
	A8	3021739	02/20/1962	Grudmann	
	A9	3041901	07/03/1962	Knights	
	A10	3086413	04/23/1963	Mason	
	A11	3122811	03/03/1964	Gilreath	
	A12	3131586	05/50/1964	Wilson	
	A13	3180186	04/27/1965	Catlan	
	A14	3220245	11/30/1965	Winkle	
	A15	3302496	02/07/1967	Mitchell et al.	
	A16	3349455	10/31/1967	Doherty	
	A17	3443291	05/13/1969	Doherty	
K	A18	3475038	10/28/1969	Matheme	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
K	B1	DE 2128 362	01/27/1972	Beyer et al.		
I	B2	EP 0 285 386	05/10/1988	Haney		
	B3	EP 0 339 005	10/25/1989	Vante Per		
	B4	EP 0 311 455	12/04/1989	Haney		
K	B5	EP 0 423 055	04/17/1991	Moses		

Examiner

Date Considered

19 June 05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box → +

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2

of 6

Application Number	10/748,119
Filing Date	December 30, 2003
First Named Inventor	John Timothy Allen, et al
Group Art Unit	3672
Examiner Name	Kenneth L. Thompson
Attorney Docket Number	WEAT/0142.D2
CUSTOMER NO.	36735

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A19	3518903	07/07/1970	Ham et al.	
	A20	3559739	02/02/1971	Hutchison	
	A21	3680412	08/01/1972	Mayer et al.	
	A22	3722331	03/27/1973	Radulescu.	
	A23	3747675	07/24/1973	Brown	
	A24	3796418	03/12/1974	Carlberg	
	A25	3808916	07/05/1974	Porter et al.	
	A26	3838613	10/01/1974	Wilms	
	A27	3933108	01/20/1976	Baugh	
	A28	3941348	03/02/1976	Mott	
	A29	3986564	10/19/1976	Bender	
	A30	4005621	02/01/1977	Turner, Jr. et al.	
	A31	4142739	03/06/1979	Billingsley	
	A32	4159637	07/03/1979	Lamb et al.	
	A33	4170908	10/16/1979	Peveto et al.	
	A34	4221269	09/09/1980	Hudson	
	A35	4246809	01/27/1981	Keast et al.	
	A36	4257442	03/24/1981	Claycomb	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B6	EP 0 525 247	03/02/1993	Willis		
	B7	GB 1 215 967	12/16/1970	Jackson		
	B8	GB 2 049 518	12/31/1980	Mooney		
	B9	GB 2 128 526	05/02/1984	Jurgens		
	B10	GB 2 300 896	11/20/1996	Wainwright		

Examiner

Date Considered

14 JUNE 05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of 6

Application Number	10/748,119
Filing Date	December 30, 2003
First Named Inventor	John Timothy Allen, et al
Group Art Unit	3672
Examiner Name	Kenneth L. Thompson
Attorney Docket Number	WEAT/0142.D2
CUSTOMER NO.	36735

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A37	4262693	04/21/1981	Giebelier	
	A38	4291762	08/29/1981	Gudgel	
	A39	4295527	10/20/1981	Russe	
	A40	4315553	02/16/1982	Stallings	
	A41	4334444	06/15/1982	Carstensen et al.	
	A42	4346629	08/31/1982	Kinzbach	
	A43	4401000	08/30/1983	Kinzbach	
	A44	4402239	09/06/1983	Mooney	
	A45	4442892	04/17/1984	Delesandri	
	A46	RE31699	10/09/1984	Eckel	
	A47	4492134	01/08/1985	Reinholdt et al.	
	A48	4499919	02/19/1985	Forester	
	A49	4565003	01/21/1986	McLeod.	
	A50	4573359	03/04/1986	Carstensen.	
	A51	4593773	06/10/1986	Skeie	
	A52	4643259	02/17/1987	Zeringue, Jr.	
	A53	4649777	03/17/1987	Buck	
	A54	4709766	12/01/1987	Boydjjeff	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B44	GB 2 346 576	08/16/2000	Schulze-Beckinghausen		
	B12	GB 2 346 577	08/16/2000	Schulze-Beckinghausen		
	B13	WO 83/03443	10/13/1983	Ruess		
	B14	WO 92/18744	10/29/1992	Pietras		
	B45	WO 93/18276	09/16/1993	Pietras		

Examiner

Date Considered

14 JUNE 05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4

of 6

Application Number	10/748,119
Filing Date	December 30, 2003
First Named Inventor	John Timothy Allen, et al
Group Art Unit	3672
Examiner Name	Kenneth L. Thompson
Attorney Docket Number	WEAT/0142.D2
CUSTOMER NO.	36735

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
K	A55	4712284	12/15/1987	Coyle, Sr. et al.	—
	A56	4715625	12/29/1987	Shows, Jr. et al.	
	A57	4773218	09/27/1988	Wakita et al.	
	A58	4811635	03/14/1989	Falgout, Sr.	
	A59	4938109	07/03/1990	Torres et al.	
	A60	4979356	12/25/1990	Vatne	
	A61	5000065	03/19/1991	Haynes	
	A62	5022472	06/11/1991	Bailey et al.	
	A63	5044232	09/03/1991	Schulze-Beckinghausen	
	A64	5092399	03/03/1992	Lang	
	A65	5150642	09/29/1992	Moody et al.	
	A66	5159860	11/03/1992	Pietras	
	A67	5161438	11/10/1992	Pietras	
	A68	5161548	11/10/1992	Neville	
	A69	5167173	12/01/1992	Pietras	
	A70	5209302	05/11/1993	Robichaux et al.	
	A71	5221099	06/22/1993	Jansch	
	A72	5259275	11/09/1993	Schulze-Beckinghausen	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
K	B15	WO 95/20471	08/03/1995	Richardson	—	—
	B17	WO 98/16716	04/23/1998	Ayling		
	B18	WO 98/32948	07/30/1998	Pietras		
	B19	WO 99/34089	Jul., 1999			
	B20	WO 99/34090	07/08/1999	Van Wechem		

Examiner

Date Considered

14 JUNE 05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 5

of 6

Application Number	10/748,119
Filing Date	December 30, 2003
First Named Inventor	John Timothy Allen, et al
Group Art Unit	3672
Examiner Name	Kenneth L. Thompson
Attorney Docket Number	WEAT/0142.D2
CUSTOMER NO.	36735

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A73	5282653	02/01/1994	LaFleur et al.	
	A74	5297833	03/29/1994	Willis et al.	
	A75	5390568	02/21/1995	Pietras	
	A76	5451084	09/19/1995	Jansch	
	A77	5520072	05/28/1996	Perry	
	A78	5634671	06/03/1997	Watkins	
	A79	5706893	01/13/1998	Morgan	
	A80	5730471	03/24/1998	Schulze-Beckinghausen et al.	
	A81	5746276	05/05/1998	Stuart	
	A82	5787982	08/04/1998	Bakke	
	A83	5819605	10/13/1998	Buck et al.	
	A84	5839330	11/24/1998	Stokka	
	A85	5842390	12/01/1998	Bouligny et al.	
	A86	5845549	12/08/1998	Bouligny	
	A87	5890549	04/06/1999	Sprehe	
	A88	5992801	11/30/1999	Torres	
	A89	6065372	05/23/2000	Rauch	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	B21	WO 99/34091	07/08/1999	Van Wechem		
	B22	WO 00/22278	04/20/2000	Ayling		
	B23	WO 00/23686	04/27/2000	Koch et al		
	B24	WO 00/45026	08/03/2000	Schulze-Beckinghausen et al		
	B25	WO 00/45027	08/03/2000	Schulze-Beckinghausen et al		

Examiner

Date Considered

14 June 05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 6

of 6

Application Number	10/748,119
Filing Date	December 30, 2003
First Named Inventor	John Timothy Allen, et al
Group Art Unit	3672
Examiner Name	Kenneth L. Thompson
Attorney Docket Number	WEAT/0142.D2
CUSTOMER NO.	36735

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
[Signature]	A89	6082224	07/04/2000	McDaniels et al.	—
	A91	6082225	07/04/2000	Richardson	[Signature]
	A92	6119772	09/19/2000	Pruet	
	A93	6138529	10/31/2000	Pietras	
	A94	6161617	12/19/2000	Gjedebo	
	A95	6206096	03/27/2001	Belik	
	A96	6223629	05/01/2001	Bangert	
	A97	6305720	10/23/2001	Spiering et al.	
	A98	6327938	12/11/2001	Pietras	
	A99	6330911	12/18/2001	Allen et al.	
	A100	6360633	03/26/2002	Pietras	
[Signature]	A101	6412554	07/02/2002	Allen et al.	—
	A102	6480811	11/12/2002	Denny et al.	
	A103				
	A104				
	A105				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
[Signature]	B26	WO 00/79092	12/28/2000	Best	—	—
	B27	WO 01/03889	01/18/2001	Bangert	[Signature]	[Signature]
	B28	WO 01/09479	02/08/2001	Pietras et al		
	B29	WO 01/38688	05/31/2001	Pietras		
	B30	WO 01/66905	09/13/2001	Robichaux		

Examiner [Signature]

Date Considered

14 June 05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.